

FOLIO

University of Alberta

19 June 1986

The University's Pursuit of Excellence - and How to Achieve It

The following Report to Convocation was given on 3 June by J. Peter Meekison, Vice-President (Academic).

Eminent Chancellor, Chairman of the Board, Mr. President, honoured guests, members of the graduating class, ladies and gentlemen:

A year ago I gave an interim report on the planning activities then under way at the University. At that time I stated that I would give a further report to Convocation this year. I am pleased to report that in March of this year the University published its major planning document entitled "The Next Phase and Beyond: a Plan for the future."

The document is a synthesis of the reports and recommendations of four planning groups established in the fall of 1983 and its publication brings to an end what I would call the first phase of current planning activity. Its content consists of a thorough analysis and assessment of certain features of the University of Alberta. The four planning groups were:

1. Planning Group I: University

Capabilities and Capacities

2. Planning Group II: Computing

3. Planning Group III: Graduate Studies

4. Planning Group IV: Program Initiatives

I should state at the outset that the mandate of these four groups did not encompass the totality of matters that could be reviewed during the study of the University. For example, the University's Physical Plant and long-range space needs were not examined. Nor was there a review of student services. Because they were omitted, one should not conclude that they are considered unimportant or inconsequential. I mention these two examples because a few individuals have suggested to me that the planning document is incomplete without comments on these and other subjects. In reply, I would say that the planning initiative was perceived as an ongoing process. It was not intended that it be restricted to a single event. I have every expectation and intention that these and other matters be reviewed in the years ahead.

Before commenting on the highlights of the plan, I feel it is appropriate to emphasize that the objective of the plan, the planning process, and the University is the pursuit of excellence and its achievement. It is already an established fact that the University of Alberta—the University you are graduating from—is a distinguished and excellent institution. As with any institution, there is always room for improvement, and a need to recognize and adapt to changing circumstances. The University must have a sense of purpose, or if you prefer, a vision of the future. Perhaps that is what is so essential about developing a plan and a planning process. They are both critical if the University is to respond to changing circumstances as we near the 21st century. In the

early 1980s the University faced skyrocketing enrolment accompanied by financial restraint. These realities generated one kind of change. Other changes are a result of the need to develop new academic programs or research facilities as new areas of knowledge emerge or as new priorities are identified. New courses in genetics, biotechnology, robotics and computing science are essential if our curriculum is to keep abreast of the explosion of knowledge in science and technology. Just as these additions are needed, so too are additional courses in areas such as religious studies, women's studies, and native studies. As we probe the frontiers of knowledge in science and medicine, we must

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FSIDA Supports Five More Projects

The Fund for Support of International Development Activities (FSIDA) has recently approved funding for projects that will take faculty or graduate students to Nepal, Peru, Zambia and the Caribbean on exploratory or advisory visits.

Peter Apedaile (Rural Economy) was awarded \$6,950 to make a study in Nepal of the effects of agricultural taxation on rural economy; and Pavel Jelen (Food Science) received \$2,358 to make a professional visit, also to Nepal, to discuss curriculum and development of a project proposal for submission to the funding agency.

For a study on watershed management development in Peru, Richard Rothwell (Forest Science) received \$1,104.15 on behalf of graduate student Carlos Llerena.

Ronald Gooding (Entomology) received \$3,986 to make an exploratory visit to Zambia in connection with the control of tsetse flies; and John Bachynsky (Pharmacy) received \$1,250 for a project to further pharmacy education in the Caribbean. □

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University of Alberta

Canadian Association of Physicists to Hold 41st Annual Congress

The Physics Department, with the help of the Electrical Engineering Department, is hosting the annual congress of the Canadian Association of Physicists (CAP) from 21 to 25 June.

About 350 participants, mostly from Canada, but including speakers from the United States, Australia and Hungary are expected to attend.

A barbeque will be held on the Quadrangle near the Central Academic Building on 23 June. Various company exhibits, together with posters of contributed papers will be displayed in the Chemistry Concourse and CAB. Talks will be given in Chemistry East 1-69, the V Wing and P-126. They will range from the physics involved with oil sands to the latest on Quarks and

black holes. A workshop for local high school physics teachers will also be held.

The Public Affairs Committee of CAP has invited Louis Marquet of the Strategic Defense Initiative Organization, Washington, D.C., to address a public session to be held in the Lister Hall Cafeteria at 8 p.m. Monday, 23 June. The title of the talk is "Space Technology and the Strategic Defense Initiative." Members of the public are invited to attend.

A.W. May, the new president of NSERC, will address a plenary session of the Congress on Wednesday morning.

Frank Weichman (432-3522) is the individual to get in touch with should further information be required. □

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ensure that the ethical questions associated with the technological revolution are also addressed. In addition, we must maintain what I would describe as a balanced approach to institutional development, taking care that the humanities and fine arts are not ignored in the pressures to keep current in other fields.

As new areas of public policy emerge such as consumer awareness, free trade, or environmental protection, we must ensure that what is studied and researched at the University recognizes these concerns. I think it is worth noting that in the past year the following new programs have been endorsed by the University and await government approval: a PhD in Nursing, BSc in Agricultural Business, and a BSc in Hotel and Restaurant Management. Approval has also been given to the four-year degree programs in the Faculties of Arts and Science.

In addition, the following institutes have been established: an Alberta Agricultural Research Institute, an Alberta Health Law Institute, a Centre for Economic Research, a Centre for Research in Child Development, and an Alberta Centre for Machine Intelligence and Robotics.

I use these examples to illustrate that the University is constantly undergoing change and endeavoring to meet the needs and demands placed on it by society. To do otherwise would lead to intellectual stagnation. The University must be a place which continuously reviews its objectives. This is what the planning document endeavors to promote.

I think it is important for me to outline for you what the plan says and does not say. In addition, I am sure you will be interested in knowing what has happened with the document since its publication.

First—what the plan says. It includes a number of important recommendations and observations which are intended to establish an intellectual framework for the discussion which we are seeking. Briefly, there are 10 general proposals or policy directions in the planning document. They are organized around two themes. The first theme is program priorities. Under this subject come:

1. Graduate Study and Research.

The University of Alberta is the major research centre in Alberta. As such, it has a responsibility to develop major graduate programs in a broad range of areas as part of its role of advancing

knowledge through research.

This priority is ranked first because of the University's unique and fundamental role as an educational institution.

2. Liberal Education. The University of Alberta, as the leading provincial institution in the arts and sciences, must maintain its leadership in scholarly research and teaching in these fields:

3. Regional Responsibilities. The University of Alberta has a particular responsibility to the Northern communities because of its location and its research base. Priority should be given to program initiatives that help meet the needs of these groups.

4. Professional Programs. The University has a long-standing commitment to education for the professions and this is recognized as a priority area.

5. International Initiatives. The University of Alberta, as a leading Canadian university, has a responsibility to be involved in international programs, particularly those that flow from its current activities and from the needs of the community.

While these five priorities are rank-ordered, I think it should be understood that all five will be addressed concurrently and not dealt with separately.

The second group of policy directions is entitled "Ways and Means" and includes five subjects which complement and reinforce the foregoing primary priorities.

1. Accessibility. University education should be accessible to all those who have the ability and the interest to undertake such study.

2. Innovative Methods of Instruction. The University of Alberta recognizes the need for more innovative methods of instruction as a mechanism for improving learning, and states this as a priority for program development.

3. Information Technology. The University should determine which specialized computing capabilities it must maintain and develop for strategic reasons and which it can best acquire from other organizations. Emphasis must be put upon the development of services and facilities in which the University has a natural competitive advantage.

4. External Interests. The University of Alberta should give priority to initiatives where there is evidence of strong support by special interest groups in the community for programs, provided that the aims of the programs are in keeping with the aims of the University as a whole.

5. Use of Existing Physical Facilities. The University of Alberta has a large investment in physical facilities. Programs that make better use of the existing facilities or use the facilities to reduce their funding needs should be given preference.

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University
of
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The (Breton) Plots Thicken

The annual Field Day and
Soils/Crops Clinic at the
University-operated Breton Plots is
slated for Friday, 4 July, and
organizers expect another large
turnout. (Traditionally, the Day
attracts farm families from the
surrounding districts as well as
Alberta Agriculture personnel and
representatives from the fertilizer
and herbicide industries.)

The Day will begin at 10 a.m.
and will focus on the topic
"Understanding Soil Tests."
Included in the morning sessions
are discussions on sampling and
testing, interpreting test results and
making production decisions. The
afternoon will be taken up with a
tour of the Plots.

Participants from the University
include W. B. McGill, Dean Roy
Berg, Jim Robertson and Leonard
Bauer. J. Carson will speak on
behalf of Alberta Agriculture and
specialists from the department
will be present throughout the Day

to answer specific questions about
soils, crops and weed management.
The department, which helps
organize each Field Day, supports
the Breton Plots financially and by
its involvement in cooperative
ventures.

The Plots cover eight hectares of
land of which about 2.5 hectares
are devoted to long-term projects.
The remaining land is used for
short-term and intermediate
projects such as studies on fertilizer
placement and phosphorous levels
in the soil. At the moment, a half
dozen short-term projects are being
conducted.

Located about 110 km southwest
of Edmonton, the Plots are on gray
luvisolic soils. These soils are
difficult to manage because of p
physical condition, acidity and low
nutrient status. Research activities
began in 1929 and portions of the
plots have been in use since
1930. □

I would like to put to rest some concerns which have surfaced as a result of these recommendations. Fears have been expressed that the University, in developing its graduate programs, will neglect or abandon its undergraduate programs. Nothing could be further from reality.

The planning document included the following statement that "through cooperation with the community colleges, the University could withdraw from a major portion of its undergraduate teaching, particularly at junior levels in arts, science, or other areas where transfer programs already exist." The foregoing statement should not be taken out of the context in which it was written—that of one way in which the University could foster scholarship and research activities of its staff.

Having made this disclaimer, however, one cannot dismiss the idea out of hand. Before such a proposal would become a reality, there would have to be agreement that major changes in the delivery of post-secondary education in Alberta are needed. In recognition of its role as a provincial resource, one recommendation in the plan was:

"Liaison with other Alberta post-secondary institutions should be increased so that the unique resources of the University of Alberta are available to assist in making instruction more available in the province." (p. 25)

This recommendation illustrates the University of Alberta's wish to work with other provincial institutions to improve post-secondary education province-wide.

At the moment there are approximately 21,800 full-time undergraduate students. It is expected that over the next few years this number will decrease. As

undergraduate enrolment decreases, and one can expect this trend to take place primarily in the Faculties of Arts, Science and Education, there is an opportunity to shift resources into graduate programs. At the same time, there is every reason to believe that the college system will continue to develop and expand. That is certainly a message that I have received from some of the colleges. Should this development take place, we will see further reductions in our undergraduate population. I do not expect to see reductions in quota Faculties such as Engineering, Business, Rehabilitation Medicine, Dentistry, Law or Pharmacy because the number of applicants is far in excess of what we can accommodate. An expansion of the college system will in turn necessitate the review and monitoring of transfer arrangements. It may also lead to the development of additional degree-granting institutions within the province.

With respect to the increase in the number of graduate students, the document recommends a goal of 20 percent over the next 15 years. By any objective criterion, this is a reasonable and attainable objective. Today there are approximately 2,700 graduate students. Over the next 15 years, we are seeking to increase that number by about 1,500 across all areas of graduate study for a total of 4,200 in a university with 21,000 full-time students. I should add that numbers alone do not make a graduate program. We must not sacrifice quality for quantity.

Linked with the proposed expansion of graduate programs is acceptance that research is a foundation of the University. We generate and transmit knowledge. That is our principal task. We will not attract top-flight graduate students unless we have an excellent research climate which includes highly qualified faculty, financial support, library facilities, equipment and space. The importance of research is stressed throughout the report. This emphasis is a reflection of the belief that universities are the places where most of the basic or fundamental research takes place. Research activity is what distinguishes the universities from other post-secondary institutions.

A related theme is accessibility. I personally feel that everybody should have the opportunity to pursue some kind of post-secondary education. The dilemma is where. The University of Alberta has reached and surpassed its optimum size. I am not going to debate whether 22,000

is more or less manageable than 24,000 full-time students. Suffice it to say that the current enrolment of 28,000 full-time and part-time students makes the campus too large. There are limits to growth. When our optimum size at the University of Alberta is reached, and I believe we have reached it, undergraduate programs elsewhere in the province will need to absorb any future increases in enrolment.

One aspect of accessibility which has been referred to in the planning document is the need for continuing education. While we must ensure our doors are open to qualified undergraduates, we must also ensure we are developing programs which allow the graduates of yesteryear an opportunity to study the most current information and try to solve the latest problem; to be, as it were, at the cutting edge of knowledge.

Finally, I would like to talk about the process. The document represents the first stage of a two-part process. It is a discussion paper. To ensure as much input as possible, we have embarked on a series of open meetings right across the province. We are soliciting the input and reaction of the general public with respect to the future direction of the University. To date, we have had meetings in Calgary and Edmonton with others to follow in Grande Prairie, Fort

McMurray, Vermilion, Red Deer, Lethbridge and Medicine Hat.

Through these public meetings, and others on campus, a wide cross section of views on the plan is being developed. I am pleased with the broad support the University has received to date on this planning initiative. When comments and ideas have been received the second phase of the process will begin. This will consist of synthesizing public comments and reactions and producing a second document or series of papers addressing specific issues. I expect these to be available in the late fall. The recommendations contained there will be debated within the University culminating in a series of new policy directions.

Let me conclude with a couple of observations. One is that the University of Alberta is the premier institution in the province—first, in terms of history, and first in terms of its position. The second is that the planning venture will require not just the University of Alberta itself to assess its future but all post-secondary institutions in the province. Finally, it must be recognized that planning is an ongoing process. It cannot be regarded as a single isolated event. I want to assure you that we will continue to develop plans for our future and in the process listen to what you, the public, has to tell us

Continued on page five

Summer Publishing Schedule

Folio will publish biweekly during July and August. The dates of publication are 10 and 24 July and 7 and 21 August.

The traditional deadlines—9 a.m. three weeks in advance of desired publication date for "Talks"; 3 p.m. one week in advance of desired publication date for classified and display advertisements—will not change.

On 4 September, *Folio* will again become a weekly. □



Come to a Garden Party

On the afternoon of Monday, 23 June, the University of Alberta will host a Garden Party to honour Peter Savaryn. All members of the University community are invited to attend the function to greet the retiring Chancellor whose four-year term ends 30 June.

The Garden Party will be held on the lawn at University House from 2 to 4 p.m. The highlight of the afternoon will be tributes to the Chancellor at approximately 3 p.m.

Guests attending the function may also wish to view the exhibition of woodcuts and linocuts by the late Jacques Hnizdovsky which will be on display in the Ring House Gallery. Chancellor Savaryn was instrumental in arranging for this exhibition to be brought to campus.

IRP Studies High School-University Transition

In 1984-85, the Office of Institutional Research and Planning surveyed by questionnaire the opinions of all 937 first-year students in the Faculties of Arts, Business, Education, Engineering and Science who had come directly to the University of Alberta from an Alberta high school. Students were asked about their university experience and about the transition from high school to university. Factors contributing to the undertaking of the study were concerns in the literature about freshmen students, general interest in transitions between different phases of education, and recognition of the need to know more about our students' perception of their university experience. Questions were asked about matters deemed to be important by a widely representative Advisory Committee. The students returned 641 usable questionnaires for a response rate of 68.4 percent, with equal distribution between the sexes.

The most important findings were as follows:

1. Family members, the University's reputation, and the University's proximity exerted the greatest influences upon the decision to attend the University of Alberta.
2. Preparation for an interesting career, obtaining a well-paying job, and learning about topics of special interest were the most important goals associated with undertaking their current programs at the University of Alberta.
3. Of the 641 respondents, 48 percent felt that they were doing less well than expected at university, 41 percent about as expected, and 11 percent better than expected.
4. Students considered that they were best prepared in reading skills, listening skills and taking notes, and least well prepared in budgeting time, library skills and study skills.
5. Nearly half felt "at ease" after less than two months on campus, whereas 17 percent were still not at ease after six months.
6. Moderately high levels of interest, enjoyment and satisfaction were experienced on average by the respondents.
7. Most students felt that they were working considerably harder than they did at high school, and many said that high school had not adequately prepared them for what to expect at university.

8. The greatest need to adjust occurred in amount of work, registration procedures, stress, difficulty of work and methods of instruction.
9. The current first-year system was preferred by 56 percent, while 30 percent preferred a common first year.
10. The University generally was not perceived to be doing well in helping new students feel at ease: the registration procedures (which have been changed for 1986-87) were criticized most frequently. Several suggestions were made, with the most common being better information services, more guidance on studying and adjusting, more social functions, improved instruction, more helpful

- support staff and use of a "buddy system."
11. Students varied substantially in the extent to which their expectations for university were met. Some found adjustment to many aspects difficult, especially workload, instruction, grading, impersonality and competition.
 12. The responses showed some differences by Faculty and sex: for example, Arts had by far the highest percentage of students who found their studies "very interesting," while Engineering students tended to answer that they found their university studies harder than high school studies to a greater extent than did students in the other four Faculties. Female students tended to assess that they

were well prepared in most aspects (e.g., writing and listening skills) to a greater extent than did male students.

A follow-up study is currently being conducted of the 558 students (out of the 641 respondents) who enrolled in 1985 at the University of Alberta. Both of these studies provide valuable information which will help us "to know the University better" and to identify some potential areas of action, by schools as well as by the University, which can lead to the best possible experience for first-year students. □

This article was contributed by E.A. Holdaway, Director, Office of Institutional Research and Planning.

Our Nursing Faculty in Pakistan

Kay Dier (Nursing) goes back to Pakistan this month for another assignment. This time it will be for just two months, to establish a baccalaureate program in nursing at the Aga Khan University Medical Centre in Karachi.

It was only six months ago that Professor Dier returned from a four-month visit to Pakistan, where she was one of a five-member team on a "Women in Development" project for CIDA. On the team was a representative each from education, small business, agriculture and health care—Professor Dier (the health care expert) was the only member from Western Canada. Each member toured the country, accompanied by a Pakistani woman counterpart, making a survey of needs in her area of expertise, with the aim of then proposing some (large scale) projects that she felt would benefit women and be suitable for funding by CIDA.

Working through the Women's Division of government, Professor Dier started her approach at the federal level, worked down through provincial levels, and, with her mission agreed and understood at these levels, finally went out to the villages to see what would really be helpful at the grassroots. Her companion on her travels was a Pakistani woman doctor who, said Dier, "knew the ropes, understood the protocol, and spoke Urdu. Although English is widely used, Urdu is particularly

useful at the village level."

Since one-third of the women are in purdah, Dier and her companion wore local clothing when visiting the villages, where, she said, "it was very important to be careful of your dress and deportment."

The big problems, Dier felt, were the low level of literacy among women, the very high infant mortality rate, and the high maternal death rate.

Foremost among the projects she recommended for consideration is a health education program, particularly aimed at the poorer women, most of whom are illiterate. This would include development of material suitable for these women.

A training program for "lady health visitors" was next on her list. "It is considered inappropriate for a woman to care for the sick other than members of her own family, so we mustn't call them 'nurses'," Dier explained. "Lady health visitor is a more acceptable term."

"The program would be based on the existing two-year program for midwives and community health nurses, and there would have to be a real recruiting and public education campaign to convince parents and husbands that taking care of other people is not a low status job."

A one-year program for dental assistants; an occupational health program for women (to take care of the girls in the new industrial

schools for women which train them for non-traditional work such as repairing transistors, secretarial work and drafting); and a school health project, providing dental care as well as health screening and immunizations, were also suggested.

The training of the traditional birth attendants, *dais*, was also proposed. *Dais* deliver 80 percent of the babies in Pakistan, Dier said, and the program would evaluate their current training and upgrade it, by training lady health visitors to train *dais*.

These suggestions having been made to the Women's Division and other departments of government in Pakistan, who would pass proposals on to CIDA, the next step is to wait while CIDA decides priorities, said Dier—who, in the meantime, looks forward to her forthcoming return to the country.

Of her last visit, she said that "the status of women saddened me. Even the educated women are bound by invisible ties—professional and business women really have courage. Men feel it is their responsibility to take care of their family and they don't like to see a woman working. So as soon as a man has money he wants to put his women in purdah to show he is looking after them . . . but economic pressures are forcing the women to work, and this will inevitably bring about a change of attitudes." □

Krawchenko Appointed Director of Canadian Institute of Ukrainian Studies

Dr. Krawchenko was recently selected to succeed Manoly Lupul as Director of the Canadian Institute of Ukrainian Studies (CIUS). Dr. Krawchenko's appointment is effective 1 July 1986.

Dr. Krawchenko has been a CIUS Research Associate since 1976, specializing in the study of contemporary Ukraine. He has lectured in the Departments of Political Science, History and Slavic and East European Studies at the University of Alberta; in 1983, he was appointed CIUS Assistant Director.

Dr. Krawchenko obtained his BA from Bishop's University; an MA from the University of Toronto; a Diploma in Soviet Studies from the University of Glasgow and a DPhil from Oxford University. In 1985, his book *Social Change and National*

Consciousness in 20th-Century Ukraine was published by Macmillan Press in London and St. Martin's Press in New York. He has also edited two books and contributed numerous articles to scholarly journals in Canada, the United States and Europe.

Dr. Krawchenko is currently a representative of the Canadian Association of Slavists on the International Committee for Soviet and East European Studies; an executive member of the Canadian Ethnic Studies Association; a member of the Canadian Ethnic Studies Advisory Committee (Multiculturalism Sector, Secretary of State); and member of the Editorial Board, *Encyclopedia of Ukraine*, and consulting editor for "Society", "Education" and "Scholarship" entries. □

Convocation—continued

about where you would like to see us change and improve.

Student Chancellor,

In addition to my Report to Convocation, I would like to add a few personal remarks. Today is a very special day for me for I am also here as a parent of a graduate and share with the other parents, grandparents, friends and relatives, their joy at watching someone of whom you are very proud convocate. Today represents the culmination of one of the most important periods in the lives of

our children—now young men and women ready to assume positions of responsibility in the community. Earning a degree takes a lot of hard work, long hours, and a few sleepless nights finishing a term paper or a design project.

But it has been worth it. On behalf of all the parents and others here today I would like to thank the teaching faculty for all they have done for today's graduates. They have spent countless hours in teaching, grading assignments, counselling, and most of all, stimulating and encouraging our children. They have passed on to them the knowledge they possess which is a great gift.

In the pledge you are about to take you will find yourself promising to encourage learning. This is an important commitment on your part and not one made lightly. Remember it because your education is the best investment of time, money and effort you will ever make. Continue to learn and to apply yourself and your lives will be rich and rewarding. Just as the University must plan, so must you. There is a little book written for teenagers entitled *If you don't know where you are going, you will probably end up somewhere else*. Make sure that does not happen to you. Plan where you want to go with your lives and grab every opportunity that comes your way. Congratulations to you all. □

The Next Decade and Beyond: A Plan for the Future

If you have not yet received a copy of this major discussion paper, please telephone or write to the
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(tel. 432-2325)



Eloquent Posters and More

"Against Great Odds: Posters of Nicaragua" is not just an exhibition. Ring House Gallery, whose walls are holding the 82 posters which make up the exhibition, is also showing the 1985 NFB film "With Our Own Two Hands" and hosting guest speaker Irving Bablitz, a Bruce-area farmer and a founder of Farmers for Peace, an Alberta-based group that sends aid to the Third World. The 30-minute film will be screened on 20 June at noon. Mr. Bablitz will talk about his experiences and work in Nicaragua on 20 June at 2:30 p.m. The exhibition continues until 29 June.

Help Prevent Vending Vandalism

The following statement has been issued by David Bruch, Director, Housing and Food Services.

The University of Alberta has been experiencing an increase in vending machine vandalism and theft of coinage. The only way to control this kind of crime is by members of the University community assisting Campus Security. Anyone who witnesses an act of vandalism is asked to call Campus Security immediately.

Edmonton Coin Vending, the University's vending contractor, has offered a \$100 reward to anyone who forwards information which leads to a conviction under either civil law or the Code of Student Behaviour.

University/Community Special Projects Fund Backs Four Projects

A continuing education project for rural Alberta pharmacists, a Senate exhibit, the eighth volume of a scholarly journal, and shows at Ring House Gallery organized by University Collections are the latest beneficiaries of the University/Community Special Projects Fund.

● For a continuing education project for rural Alberta pharmacists, Louis Pagliaro received \$12,000.

● For a Senate exhibit, "The Mighty Peace", Jim Parker, Director of University Archives and Collections, received \$10,650. This exhibit is being prepared for the Senate meeting in Peace River in September, and is one in a continuing series of exhibits taken by the Senate to the site chosen for its yearly out-of-town meeting. From photographs of artifacts (in the University Archives and other departments) connected with the Peace River country, which will include settlers' letters, surveyors' and geologists' reports, and maps (among them a pencil sketch dated

1909 and a satellite map), four panels will be designed to tell the story of "The Mighty Peace". At the conclusion of the Senate meeting, the panels will be presented to the community.

● Shyamal Bagchee (English) received \$1,724 towards the publication of the eighth volume of *Yeats Eliot Review: An International Journal of Criticism and Scholarship*.

● University Collections received \$1,474 towards bringing in

speakers and lecturers for three art shows at Ring House Gallery. Anne Szumagalski will give a poetry reading in connection with "The Chisel and The Brush"; Sara Berger and Irving Bablitz will speak at the exhibition "Against Great Odds: Posters of Nicaragua"; and at "Alberta Video Show" speakers will be Grant Poier, Lethbridge, Marcella Bienvenue, Calgary, and Vern Hume, Banff. □

In International Student Affairs Office Summer Means Orientation Programs

A new university, a new country, a new culture. International Student Affairs is getting ready to begin another summer of orientation programming for incoming international students.

This summer's programs will include small group orientations beginning in mid-July and continuing through August, culminating in major orientation sessions on 27, 28 and 29 August. The purpose of these orientations will be to reach as many international students as possible; to make available information about the University and the wider community; and to address basic concerns such as registration and immigration procedures, programs designed to upgrade students' proficiency in English, health care and housing. There will also be a one-day special orientation on 20

September for late arrivals.

Activities will range from campus and city tours to evening coffee houses at the International Student Centre.

This year, the involvement of volunteers and international student groups will be emphasized to an even greater degree, as will the idea that orientation is simply the beginning of a two-way process that recognizes both the needs and potential contributions of international students.

Departments are encouraged to keep summer programming in mind, volunteer new suggestions and learn more about the orientation format. Call Deanna Wall or Doug Challborn at 432-2692, or send correspondence to International Student Affairs, 300 Athabasca Hall. □

Ripples From Archer Festival Reach U.S.

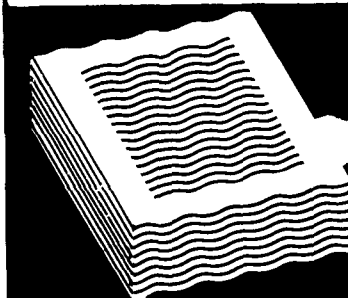
First there was the "Violet Archer Festival," appropriately billed as a "Canadian First". Now, it appears that no woman composer in North America in this century has ever been honoured by a festival given over entirely to her works, judging from a letter to Dr. Archer by Tommie Ewert Carl, President of American Women Composers Inc. Ms. Carl writes, "I don't know of a single woman here in the United States who has been so honoured." "Therefore," Dr. Archer told *Folio*, "that seems to make me the first woman composer in North America

(in this century) to have been thus honoured. I hope that this may set a precedent for other women and men composers in the future."

Incidentally, Dr. Archer, Professor of Music Emerita, is a member by invitation of American Women Composers Inc.

In April, Dr. Archer's composition *Divertimento for Piano and Strings* had its world première in England, when it was performed in London by the Redcliffe Orchestra, with Vancouver pianist Margaret Bruce. □

Currents



General Faculties Council

GFC's next meeting is scheduled for **Monday, 23 June, at 9 a.m.** in the University Hall Council Chamber.

1. Approval of the Agenda
2. Approval of the Minutes of 28 April 1986
3. Question Period
4. New Members of GFC 1986-87

Reports

5. Executive Committee Reports
- 5.1 Executive Committee Minutes of 5 May 1986
- 5.2 Executive Committee Minutes of 12 May 1986
- 5.3 Executive Committee Minutes of 9 June 1986
6. Report of the Board of Governors
7. Report of the Nominating Committee
- 7.1 Written Report
- 7.2 Oral Report of the Chairman of the Nominating Committee
8. GFC Facilities Development Committee (FDC): Oral Report
9. GFC Academic Development Committee (ADC): Oral Report
10. GFC Planning and Priorities Committee (PPC): Oral Report

New Business

11. Senate Task Force Report on Ethics: Senate Recommendations to General Faculties Council
12. GFC Undergraduate Teaching Awards Committee (UTAC): Annual Report 1985-86
13. Code of Student Behavior: Proposal Concerning the Definition of Plagiarism from the CLRC
14. Code of Student Behavior: Smoking Regulations
15. Penalties Levied by an Instructor for Academic Offences: Section 43.12.2(b) of the Code of Student Behavior
16. Transfer Credit: Proposal from the GFC Committee on Admissions and Transfer (CAT)

For Information

17. ATA Response to Recommendation 18 in the Report of the WCC/ATA on the Writing Competence of Alberta Students (1983)

New Business

18. Item deleted from agenda
19. Co-operative Education Program in Agricultural Engineering: Proposal from the Faculty of Agriculture and Forestry and the Faculty of Engineering
20. Research Policy: 1985-86 Annual Report Concerning Delay of Publication of Research Results
21. GFC Executive Committee: Request by the GFC Nominating Committee for a Change in Executive Committee Composition
22. GFC Native Studies Committee: Annual Report 1986
23. Other Business

For information concerning this agenda, members of the University community may telephone the Secretary to GFC, 432-5430.

A Sports Summer

For the second consecutive summer, the Edmonton Research and Studies Centre, in cooperation with the Faculty of Physical Education and Recreation, will conduct a number of seminars pertaining to coaching and sport administration.

About 70 coaches and sport administrators from 10 different countries will be attending the first group of seminars from 20 to 30 June. Topics to be covered during this period are sport administration, soccer and track and field.

From 5 to 15 July, the bill of fare will consist of volleyball, basketball and swimming.

The third group of seminars, 21 to 30 August, will have fitness as an umbrella. Participants will look at exercises, ways of evaluating fitness, the physiology of fitness, sport psychology, sports injuries, etc.

Mornings will be spent on the field or in the gym; afternoons will be spent in the classroom.

Countries represented at the seminars include Morocco, Saudi Arabia, Kuwait, Egypt, United Arab Emirates, Ethiopia and Jordan. □

Prentice Hall Can Record Texts for Blind Students

Prentice Hall Publishing, in cooperation with Recordings for the Blind, a Princeton, New Jersey, firm, will arrange to record any Prentice Hall textbooks in use on campus and make them available to blind students.

The campus representative for Prentice Hall is Ray Friedman, 434-2054.

Talks

Alberta Heritage Foundation for Medical Research

23 June, 4 p.m. George Chaconas, Assistant Professor, Department of Biochemistry, University of Western Ontario, "Transposition of Bacteriophage Mu DNA." 2-27 Medical Sciences Building.

25 June, 4 p.m. John R. Guest, FRS, Professor of Microbiology, University of Sheffield, "Molecular Genetic Aspects of the Citric Acid Cycle of *Escherichia coli*." 2-27 Medical Sciences Building.

Electrical Engineering

24 June, 3:30 p.m. Serge Luryi, AT&T Bell Laboratories, Murray Hill, "Germanium-Silicon Infrared Photodetector on a Silicon Chip." 436 Electrical Engineering Building.

Chemistry

27 June, 10:30 a.m. Satoru Masamune, Professor, Chemistry Department, Massachusetts Institute of Technology, "Organic Synthesis with Carbene Reagents." E1-60 Chemistry Building.

27 June, 1:30 p.m. Rafael Oriol, Director, Institut d'Immunobiologie, Broussais Hospital, Paris, "Genetics and Biochemistry of the Human ABO, Lewis and Related Antigens." E1-60 Chemistry Building.

Library Science

3 July, 1:30 p.m. David Jenkinson, Faculty of Education, University of Manitoba, "Current Research in the Field of Children/Young Adult Librarianship." 3-06 Rutherford South. Visitors from the University community are welcome to attend. Advance notice by telephone would be appreciated (432-4578).

The Arts

Ring House Gallery

Until 29 June. "Against Great Odds—Posters of Nicaragua"—82 posters from and about Nicaragua tell the story of the Sandinista revolution in 1979.

Until 29 June. "Jacques Hnizdovsky—Woodcuts and Linocuts"—24 woodcuts and linocuts by the Ukrainian-born artist.

Theatre

Until 21 June, 8 p.m. The Ensemble for Lyrical Operetta Productions, Edmonton, presents "Oklahoma!" by Rodgers and Hammerstein. Tickets available at BASS. Further information: 436-2047.
22 June, 7 p.m. Shelley's Dance Company Dance Recital. 465-7163.

23 June, 7 p.m. Alberta Handicapped Publishing Society presents a "Children's Variety Show." 426-2525.

Edmonton Film Society

23 June, 8 p.m. British Film Classics, "Billy Liar" (1963).

Broadcasts

Radio

CJSR-FM 88.5, Campus Radio. Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

Award Opportunities

Sandra Garvie Memorial Fund

An award of a value up to \$1,000 has been created to assist an individual to pursue a course of studies or to undertake research into the library or information aspects of public legal education. The purpose of the grant is encourage individuals to improve their knowledge of this field and, in turn, to add to the existing body of knowledge in this area. Candidates may be enrolled in a formal course of study or may undertake an independent learning activity.

Apply to the Sandra Garvie Memorial Fund, c/o Lois Gander, Director, Legal Resource Centre, Faculty of Extension, University of Alberta, 10049 81 Avenue, Edmonton, Alberta T6E 1W7. Deadline for applications: 30 June.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of publication.

Clerk Typist II, Physiology, (\$1,190-\$1,478)

Purchasing Clerk II, Faculty of Extension, (\$1,326-\$1,666)

Clerk Steno III, Instructional Technology Centre, (\$1,326-\$1,666)

Clerk Steno III, Pharmacy and Pharmaceutical Sciences, (\$1,326-\$1,666)

Clerk Steno III, Faculty of Extension, (\$1,326-\$1,666)

Clerk Steno III, Drama, (\$1,326-\$1,666)

Clerk Steno III, International Briefing Centre, (\$1,326-\$1,666)

Clerk Steno III, Computing Science, (\$1,326-\$1,666)

Clerk Typist III, Office of the Dean of Student Services, (\$1,326-\$1,666)

Clerk Typist III, Faculté Saint-Jean, (\$1,326-\$1,666)

Clerk Typist III, Student Counselling Services, (\$1,326-\$1,666)

Senior Financial Records Clerk, Chemical Engineering, (\$1,326-\$1,666)

Systems Control Clerk I, Technical Services, (\$1,371-\$1,739)

Data Entry Operator II (Part-Time Term), Educational Research Services, (\$686-\$870)

Accounts Clerk (Part-Time-17.5 hours/week), Home Economics, (\$739-\$944)

Secretary, Dentistry (Stomatology), (\$1,478-\$1,888)

Personnel Administrative Clerk, Housing and Food Services, (\$1,478-\$1,888)

Medical Steno (Trust, Part-Time-17.5 hours/week), Surgery, (\$739-\$944)

Medical Steno, Pediatrics, (\$1,478-\$1,888)

Medical Steno, Medicine, (\$1,478-\$1,888)

Admission Records Co-Ordinator, Office of the Registrar, (\$1,666-\$2,144)

Executive Secretary (Trust, Term to 30 June 1987) R.S. McLaughlin

Examination and Research Centre, (\$1,666-\$2,144)

Executive Secretary, Personnel Services and Staff Relations, (\$1,666-\$2,144)

Executive Secretary, Faculté Saint-Jean, (\$1,666-\$2,144)

Publications Assistant II (Trust, Part-Time-20 hours/week), Medical Publications, (\$952-\$1,225)

Technologist I (Part-Time, Recurring), Zoology, (\$1,340-\$1,730)

Technician I, Provincial Laboratory, (\$1,534-\$1,968)

Technician I (Part-Time), Psychiatry, (\$767-\$984)

Storeman II (40 hours/week), Housing and Food Services, (\$1,629-\$2,069)

Evaluator I/II, Office of the Registrar, (\$1,666-\$2,548)

Technician II, Pathology, (\$1,739-\$2,237)

Art Technician Demonstrator I, Art and Design, (\$1,810-\$2,337)

Laboratory Technologist I, Provincial Laboratory, (\$1,888-\$2,437)

Communications Control Centre Operator, Physical Plant, (\$1,968-\$2,548)

For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

Rent - Apartment, three large rooms, kitchenette, three-piece bathroom. Separate entrance, ground level. Country setting. Fifteen minutes from University. 434-6022.

Rent - August/1 September 1986-31 August 1987. Comfortable three-bedroom sabbatical house. Garage, fenced. Furnished or part-furnished. 11220 94St. \$450/month. (514) 937-7895 (collect).

Sale - Immaculate, charming bungalow close to University. Garage, deck, \$66,900. Jiri, 459-7829, 483-1255, Johnston's.

Sale by owner - Millcreek Ravine, minutes from University. Comfortable, renovated, three-bedroom, two-level home. New furnace and fenced, mature landscaping. Tree lined boulevard. Garage. Assumable mortgage at 10 3/4%. Louis, 433-3262.

For sale or rent - Two-bedroom cottage. Mulhurst (Pigeon Lake). Winterized, modern plumbing, wood stove. Phone Barb Clubb, 427-2556, 439-3237.

Rent - University Avenue, duplex. Large living room, five appliances, powder room, deck. Upstairs three bedrooms, four-piece bath, carpet, drapes. \$675/month. One-year lease. Phone 432-0568.

Rent - 1 August, three-bedroom, three-bathroom house. Double, attached garage. No pets. \$950. 420-0701.

Sale - Lakefront, Kapasiwin Beach. \$84,500. Four bedrooms with view across lake. Features fireplace, three-piece bath, wooded lot, sandy beach, boathouse, bunkhouse. Eleanor Duncan, Royal LePage, 434-7368, 438-4700.

For sale - Riverbend. Across from the park. Eight-room home. Fireplace, south garden, deck, double garage. Under \$135,000. Eleanor Duncan, Royal LePage, 434-7368, 438-4700.

Sale - Owner. Secure, two bedrooms plus den, patioed ground floor. 11115 80 Ave. Luxury, condominium apartment, \$99,500. Customized windows, kitchen, bathroom, closets. Fireplace, six appliances. Underground parking, storage. Message, (403) 428-6394.

Sale - 1,466 sq. ft., luxury condominium on Saskatchewan Drive. Includes swimming pool, air conditioning, five appliances. Call Candy Adam, 457-3777. ReMax.

Sale - Parkallen bungalow, low maintenance home. Two brick fireplaces, convenient to downtown and University. Working kitchen and large pantry. Two baths, garage. \$88,900. Call Larry or Pat at ReMax, 464-4100.

Sale - Belgravia. One-owner bungalow. Upgraded kitchen, bath. Walk to University. Double garage, park behind. Richard Blaine, 489-0420, 436-5250. Spencer's.

Sale - Lendrum gem. Three-bedroom bungalow. Upgraded, oak kitchen, fireplace, developed basement. \$88,900. Call Joyce Byrne, 435-6064, 436-5250. Spencer's.

For sale - Mill Creek. Two-storey, older home, completely renovated, on lot and half. Priced to sell at \$79,900. Call Wayne Moen, 438-1575, 477-3688. ReMax Real Estate.

For sale - Garneau Mews. Luxury townhouse, half block to campus. Two bedrooms, underground parking, fireplace. Call Wayne Moen, 438-1575, 477-3688. ReMax Real Estate.

Rent - Windsor Park. Furnished, sabbatical bungalow. \$600/month plus utilities (negotiable). September/October-April/May (flexible). 433-0294.

Sale - \$109,500, Laurie. Completely renovated, three-bedroom bungalow on quiet park. Family room, fireplace. 14608 82 Ave. 483-4988, 436-0011.

For sale - University area, five-bedroom, one-owner, family home. Well maintained. New, double garage. Asking \$99,500. Please call Ken Smith, 438-4700 or 434-3783. Royal LePage Real Estate.

Sale - Windsor Park. Spacious, three-bedroom bungalow. Immaculate, well maintained, beautifully landscaped, walk to University. Sheila LaBelle, 430-6303, 432-1378. Bennett Realty.

Sale - Riverbend. Two-storey, three-bedroom, family room, fireplace. Spacious, open plan. Double, attached garage. Only \$126,500. Sheila LaBelle, 430-6303, 432-1378. Bennett Realty.

For rent - Two-bedroom house west of 109 St. on 80 Ave. Fenced yard for small pets, nice garden. \$525/month. Available 1 July. Phone 433-9938, leave message on tape if necessary.

Sale - Parkallen. Three-bedroom semi. Nicely developed basement. Close to park, schools. Pat von Borstel, 437-6540, 436-5250. Spencer's.

Sale - Belgravia. New listing. Belgravia, south yard, immaculate, three-bedroom home. Hardwood floors, fireplace, super kitchen. Pat von Borstel, 437-6540, 436-5250. Spencer's.

Sale - Riverfront. Upgraded home. 1,100'. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Grandview. Executive home. Large rooms, immaculate. Chris Tenove, 433-5664, 436-5250. Spencer's.
 Sale - Windsor Park. Cozy, immaculate home. Ideal University location. Chris Tenove, 433-5664, 436-5250. Spencer's.
 Sale - 160 acres. \$25,900. Recreation hideaway. Chris Tenove, 433-5664, 436-5250. Spencer's.
 Sale - Brander Gardens special. Attractive, immaculate home. Owner transferred. Chris Tenove, 433-5664, 436-5250. Spencer's.
 Sale - Residential, city lots. Chris Tenove, 433-5664, 436-5250. Spencer's.

Accommodations wanted

Writer-in-Residence, 1986-87, needs furnished house, apartment, near University. Scrupulous with furnishings. Ray Smith, 11 Burton Avenue, Westmount, Quebec, H3Z 1J6. (514) 483-5822; locally 435-9372. September-April inclusive.
 Wanted to rent: Three-bedroom house/townhouse. Southwest. August/September. U.A.H physician and family. Non-smokers. No pets. Reply: 13830 Ravine Drive, Edmonton, Alberta T5N 3M1.

Automobiles and others

1979 Pontiac Parisienne stationwagon. 350V8 AC. Loaded, well maintained. \$2,900. 437-1138.

Goods for sale

\$40 off new electric typewriters, correcting key, \$199; \$75 off new electronic typewriter, computer interface included, \$655. Mark 9, HUB Mall, 432-7936.
 Reconditioned correcting IBM Selectric II typewriters, 4-8 years old, 3-month warranty, \$449-\$549. Mark 9, HUB Mall.
 Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

Four life vests (one large, three medium), \$30 each. Two wetsuits, never used, size XL, \$125 each. 436-1768 evenings.
 Raleigh, 3-speed bicycle purchased new 1971. Generator-driven front light. Two, rear, storage bags. Recently serviced and clean. Still fun to ride. Best reasonable offer. 432-3248.
 Deilcraft, lower drawer unit bookcase, cherry, excellent condition. Phone 436-0842 after 5:30 p.m.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.
 Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.
 French. Group lessons. 3-6 students per class. Adults/children. Contact Yves Puzo at L'Atelier, 432-7565.
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Professional typing, \$1.10/page. Phone 435-3398.
 Rent a correcting electronic typewriter. Day (\$15), weekend (\$20), week (\$35), month (\$65) or longer (\$50/month). Open evenings, Saturdays. Mark 9, HUB Mall, 432-7936.
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Instructors

Required by the University of Alberta Faculty of Extension for Computers and Business Data Processing Certificate Programme to design and teach three new courses for the fall of 1986: Applications of Microcomputers in Business, Acquisition of Computer Resources, and Computer Telecommunication Concepts in Business. Each course will be 13 weeks long and will be offered three terms per year. Proven abilities in teaching and lesson design an asset.

Please send resume, outlining appropriate experience, to:

M. Pastyr-Lupul
 Certificate Programmes
 Faculty of Extension
 University of Alberta
 329C Corbett Hall
 Edmonton, Alberta T6G 2G4

Deadline for applications is
 June 30, 1986.



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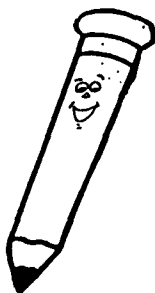
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